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NEW MACHINE TOOLS PRODUCEDMETAL-CUTTING SPEED INCREASES -- Krasnyy Flct, No 185, 7 Aug 49

Ivan Suvernev, a turner of the Sterlitamak Machine-Tool Plant imeni Lenin in Bashkir ASSR, has exceeded the metal-cutting speed 20 times as compared with last year, reaching 800 meters per minute. About 100 workers of the plant have followed his high-speed cutting methods. The widespread application of high-speed cutting has reduced the time required for machining metal parts by 50 percent.

A school of advanced labor methods has been formed at the plant. All machine shops are converting to high-speed cutting, and machine tools have been modernized accordingly.

Sovetskaya Latvya, No 185, 7 Aug 49

The Plant imeni Sverdlov in Leningrad has put into production a new, universal high-speed, horizontal "26-31" boring machine. The new machine makes it possible to exceed all current metal-cutting speeds. The machine has a stageless feed and automatic readings. This had so far been one of the unsolved problems in the boring process. Equipment of the new machine with a special optical device will ensure highest accuracy in the machining of parts.

The new machine is simple to operate. It does not have any shift lever, and the entire automatic operation is controlled by an electric block system. In the opinion of experts, the "26-31" high-speed boring machine represents an unsurpassed type among similar machine tools. Chief designers of the machine are M. Ye. El'yasberg and A. I. Kir'yanov, both Stalin Prize laureates.

- 1 - **SECRET**

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CAST TOOL PRODUCTION TO EXPAND -- Leningradskaya Pravda, No 180, 2 Aug 49

The All-Union Scientific-Technical Institute of Ministry of Machine-Tool Building USSR has helped the Seastoretak Tool Plant imeni Voskov to master the casting of tools from waste high-speed cutting steel. The first results of casting the steel in an electric arc furnace were unsatisfactory. After 20-25 castings the lining of the furnace broke, and in addition only 5-6 castings could be made in the furnace per shift. By improving the design of the furnace, engineers of the plant are now able to get 250 castings from each lining and make 50 castings per shift.

At present only one size of blade for assembled reamers is being cast. Casting of tools will be expanded in the near future.

INDUSTRIAL EXHIBITION OPENS IN LENINGRAD -- Leningradskaya Pravda, No 182, 4 Aug 49

The permanent industrial exhibition of machine-building has been reopened in Leningrad. The exhibits show the great technical achievements of Leningrad industry, including an automatic lathe for producing minute parts of clocks, a semiautomatic machine for manufacturing drills, a machine tool for piercing small holes in alloyed steel by the electric-arc method, improved machine tools for anode and mechanical cutting and grinding of tools. The "Linotip" Plant has exhibited a modernized four-magazine linotype and other printing machines. The Plant imeni Engels is showing a knitting machine and shoe-manufacturing machines.

The instrument-building section has been considerably expanded. It includes microanalytic scales manufactured by the "Gosmetr" Plant, which have a sensitivity up to 0.01 milligrams, a multipurpose installation for structural and spectral analysis, produced by the "Burevestnik" Plant, and many other exhibits.

MOSCOW TOOL PLANT OFFERS PRODUCTS -- Trud, No 184, 6 Aug 49

The Moscow Tool Plant of the Ministry of Machine-Tool Building USSR is offering for sale the following products: "Parkinson" and "Maag" gear-cutting chasing tools, M-2 to M-16, having a meshing angle of 15 to 20 degrees; "Glisson"-type gear cutters, M-2 to M-7, having a meshing angle of 15 to 20 degrees; corn-shaped hobbing cutters (chervyachno-kukuruznaya freza); hobbing cutters and slot cutters; threading wheels and gauges of various sizes; 10 X 10 X 50 and 10 X 10 X 40 augers; end cutters with diameter of 42 and 46; tail gear wheel cutters for internal cutting of gears, M-0.5 to M-2.5 with meshing angle of 20 degrees; instruments for checking the profile of multiple-edge cutting tools; instruments for checking the geometry of cutters when they are sharpened; 20-degree gear wheel cutters M-1 to M-8; shavers; knurlers; high-speed cutters having cores of "Regulirovashchii" hard alloy; flat broaches equipped with hard alloy. Address: Moscow, 23, Bol'shaya Semenovskaya ulitsa, 42. -- Advertisement

MACHINE-TOOL PLANTS AWARDED RED BANNERS -- Leningradskaya Pravda, No 181, 3 Aug 49

The All-Union Central Council of Trade Unions and the Ministry of Machine-Tool Building, in summing up the results of the second-quarter socialist competition for machine-tool and tool enterprises, has awarded the Transferable Red Banner of the Council of Ministers USSR to the Gor'kiy Milling-Machine Plant and the Moscow "Kalibr" Plant. The Gor'kiy Plant exceeded its second-quarter plan by 39.8 percent, introduced new technology, improved organization of labor, lowered net costs 7.4 percent, and saved 965,000 rubles. The Moscow Plant produced a great quantity of micrometers, slide gages, and other measuring tools above plan, and released 4,540,000 rubles by accelerating the turnover of working capital.

- 2 -
SECRET **SECRET**

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The Transferable Red Banners of the All-Union Central Council of Trade Unions and the Ministry of Machine-Tool Building USSR were awarded to the following plants: Tbilisi Plant imeni Kirov, Saratov Plant, "Lenstankolit" (Leningrad Foundry Machine) Plant, Moscow Low-Voltage Equipment Plant, and Moscow Abrasive Plant.

Moskovskiy Bol'shevik, No 182, 4 Aug 49

The "Kalibr" Plant in Moscow was awarded the Transferable Red Banner of the Council of Ministers USSR on 3 August in recognition of outstanding work during the second quarter of 1949. The plant completed the 6-month plan 112.2 percent. During the first 6 months of 1949, production of measuring tools was 52.2 percent greater than during the same period of 1948.

Along with the transferable Red Banner of the Council of Ministers, the "Kalibr" Plant received the Military Unit Red Banner for permanent retention, as a reward for being the leading enterprise in the city rayon. The award was given by Loginov, secretary of Shcherbakovskiy Rayon Party Committee.

Zarya Vostoka, No 154, 7 Aug 49

The Tbilisi Machine-Tool Plant imeni Kirov has been awarded the Transferable Red Banner of the All-Union Central Council of Trade Unions and the Ministry of Machine-Tool Building USSR for its work during the second quarter of 1949. A meeting at the plant was attended by T. Kvividze, secretary of the Tbilisi Committee of the KP(b) Georgia; B. Lelin, head of industry and transport section of the Tbilisi Committee of KP(b) Georgia; V. Barbakadze, secretary of Leninskiy Rayon Party Committee; and directors and secretaries of Party organizations in a number of Tbilisi enterprises. The award was given to A. Meladze, director of the Plant imeni Kirov, by A. Brezhnev, head of the Main Administration of Heavy Machine-Tool Industry Ministry of Machine-Tool Building USSR.

MACHINE-TOOL PLANT TOPS HALF YEAR PLAN -- Kommunist, No 173, 24 Jul 49

The Yerevan Machine-Tool Building Plant imeni Dzerzhinskiy completed the half-year plan ahead of schedule and is now attempting to complete the year plan by 7 November and the Five-Year Plan by 29 November. -- G. Khachatryan

LENINGRAD TOOL PLANT MAKES SLIDE GAGES -- Leningradskaya Pravda, No 177, 29 Jul 49

The Leningrad Tool Plant recently began the production of slide gages. The slide gage shop produced more of these gages than did the entire plant in the course of a year before the war. The success was made possible by the establishment of a photochemical section in the plant.

MOSCOW INSTITUTE NEEDS INSTRUCTORS -- Vechernyaya Moskva, No 183, 3 Aug 49

The Moscow Machine-Tool and Tool Institute imeni Stalin announces a competition to fill the following vacancies: docent as head of foreign language chair, docent as head of physical education and sports chair, and professor as head of theory of mechanisms and machines chair; docent in principles of Marxism-Leninism, docent in metal cutting, docent in machine and loading equipment parts, docent in technology of metals, docent in metrology and instrument building, and docent in foundry production.

Apply: Moscow, 55, Vadkovskiy pereulok, 3-a. -- Advertisement

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- 3 - **SECRET**

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